

Aruba Esso News

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THIS RARE picture of the Acme No. 3 Refinery was taken in 1876. The company was an affiliate of Standard Oil and commenced business in Titusville, Pennsylvania, where the world's first commercial oil well was brought in. More photos from the oil industry's archives commemorating Oil's First Century may be seen on pages 4 and 5.

E RETRATO raro aki di Acme No. 3 Refinery a worde sacá na 1876. E compania tabata un afiliado di Standard Oil y a cuminsa opera na Titusville, Pennsylvania, unda e promer poos comercial di azeta na mundo a worde treci aden. Mas retrato di e archiconan di industria petrolero en conmemoracion di e Promer Siglo di azeta por worde mirá ariba pag. 4 y 5.

Management Study Phase Completed by 16 IR Men

A sixteen-week phase of the Industrial Relations Management Development Program was completed Aug. 20 by sixteen employees of the Industrial Relations Department. The training program is being centered on staff members who have been selected for management status. A majority of these employees have assumed or will assume positions of greater responsibility in the department.

Attending the sessions, which started May 4, were B. R. Arcnds, D. G. Croes, D. De Palm, F. Francis, H. Harms, A. Hassell, R. D. Orosco, A. Sjaw-A-Kian, S. P. Viapree, M. Jesurun, C. DeCuba, F. Fingal, R. A. Zanibrano, C. E. Morales, A. Eman and F. Weinct.

Purpose of the program is to prepare the participants in handling new and impending departmental responsibilities with a principal emphasis on developing individual abilities in such areas as judgment, critical appraisal and evaluation, planning, organization and adaptability.

Two different approaches were utilized in this phase of the program. First approach consisted of a series of six lecture discussions which

oriented the sixteen men to the role and responsibilities of management. It further increased the group's knowledge in matters relative to effective job performance.

Second phase of the training program, in the form of weekly two and one-half hour seminars, was directed toward the development of individual abilities of the participants. Two groups of eight members each met with a moderator, one or more division heads sat as observers or participants, where each had the opportunity to present oral reports on previously assigned topics selected for thought provoking and controversial content.

An important aspect of these seminars was the open discussion which followed each oral report. All members of the group were free to criticize the content and method of each individual report. The moderator's role was to encourage critical evaluation, shift emphasis when required, stimulate discussion and to assist the overall development of each individual. The seminar activity helped develop skills in report writing and oral presentation.

Diez-un Empleado Cu Servicio Largo Lo Retira Sept. 1

Na fin di Augustus e carera di diez-un empleado cu largo servicio tambe lo yega na un final. Composicion di e grupo di futuro pensionistanan ta remarkable. Pasobra den e grupo aki tin tres empleado di mas cu trinta anja di servicio y un hefe di departamento. E servicio total di e hombernan contá hunto ta alcanza casi un sorprendente tres cien anja.

E hefe di departamento cu ta bai retira ta Process Superintendent Henry Chippendale. E hombernan cu mas di 30 anja di servicio ta William D. Orr di Process Department y Joancito N. Schorea y Edward B. Fields, tur di Mechanical Department. Otro empleadonan di Mechanical Department cu ta retira ta Christoffle W. Thielman, Thomas M. Muller, Vernon F. G. Lewis, Frank B. Gladman, Algernon Douglas y Rudolph Kux. E di tres empleado di Process Department cu ta retira hunto cu e ocho empleadonan di Mechanical Department ta Thomas F. X. Kelly.

Sr. Chippendale lo sali for di e isla Sept. 8 pa Estados Unidos despues di un emplee na Lago cu ta net poco menos cu trinta anja. El a cuminsa Juni 11, 1930, como mechanical engineer den Mechanical Department. Dentro di dos anja el tabata zone supervisor y despues general supervisor. Na Januari 1939, Sr. Chippendale a bira division superintendent sigui ocho anja despues pa superintendente di Mechanical Department. Na Februari 1951 el a bira superintendente di Technical Service Department. El a traha den e capacidad aki te tempo cu el a worde nombrá superintendente di Process Department na September 1958.

Un empleado di Process Department durante henter su servicio na Lago, Sr. Orr su servicio cu compania a cuminsa cu Pan American Petroleum & Transport Co. na Juli 1924. Tambe el tabatin un periodo di emplee cu Mexican Petroleum Corp. Na Lago Sr. Orr a cuminsa como operator third class den pressure stills. El a progresa door di rangonan di y a bira operator na Juni 1943. El a ocupa e posicion aki te Januari 1950 tempo el a worde nombrá job training instructor na gas plant, e tempo parti di Catalytic and Light Ends.

Sr. Schorea tabata un machinist durante un gran parti di su trinta anja di servicio na Lago. Cu excepcion di e periodonan corto den Pro-

(Continúa na pagina 3)

Eleven Long-Service Lago Employees Retire Sept. 1 Process Superintendent Chippendale Is Among Those Leaving Company

With the last day of August the Lago careers of eleven long-service employees will come to an end. The composition of this group of future annuitants is outstanding. For in the group's number are three thirty-year employees and a department head. The combined service years of the men total an astounding near three centuries of service to the company.



H. Chippendale

The department head to retire is Process Superintendent Henry Chippendale. The thirty-year men are William D. Orr of the Process Department and Joancito N. Schorea and Edward B. Fields, both of the Mechanical Department. Other employees of the Mechanical Department retiring are Christoffle W. Thielman, Thomas M. Muller, Vernon F. G. Lewis, Frank B. Gladman, Algernon Douglas and Rudolph Kux. The third Process Department employee to retire along with the eight Mechanical Department employees is Thomas F. X. Kelly.

Mr. Chippendale will leave the island Sept. 8 for the United States after employ at Lago that is just short of thirty years. He started June 11, 1930, as a mechanical engineer in the Mechanical Department. Within two years he was a zone supervisor and then a general supervisor. In January, 1939, Mr. Chippendale became division superintendent followed eight years later by a promotion to Mechanical Department superintendent. In February, 1951, he was made Technical Service Department superintendent. He served in this capacity until he was named Process Department superintendent in September, 1958.

A Process Department employee during his entire Lago service, Mr. Orr's company service began with the Pan American Petroleum & Transport Co. in July, 1924. He also had a period of employment with the Mexican Petroleum Corp. At Lago Mr. Orr began as an operator third class in the pressure stills. He progressed through the operator ranks to operator in June, 1943. He held this position until January, 1950, when he was named job training instructor at the gas plant, then in Catalytic and Light Ends.

Mr. Schorea has been a machinist throughout much of his thirty years of Lago employ. Other than brief periods in the Process and Lago Po-

(Continued on page 2)

Tres Subsidio Lo Studiá Nursing Na Holanda

Tres anterior ayudante di nurse na Lago Hospital awor ta siguiendo nan estudio na Holanda. E hoben senjoritanan, tur recibiendo asistencia den forma di subsidio for di Lago Scholarship Foundation, ta Maria E. V. Harms, yiu di Sra. Abelinita Harms, recepcionista na Administration Building, Claudette L. Campbell, yiu di Cecil H. Campbell, assistant operator den Light Oils Finishing, y Cornelia M. Ras, yiu di Anna K. Ras di San Nicolas.

Sita. Harms y Srta. Campbell, kende a traha dos y mitar y un y mitar anja respectivamente na Lago Hospital ta atendiendo e curso na St. Joseph Hospital na Venlo. Srta. Harms a atende St. Maria College na Oranjestad y Srta. Campbell a atende St. Philomena College na San Nicolas.

Srta. Ras tabata nurse's aide na Lago Hospital durante un anja y mei. El ta studia na Van Ieterson Hospital na Gouda. El a bishita school di Santa Teresita y Aruba Commercial School.



HONORED GUESTS at a special management staff meeting Aug. 14 were these six men seated in the front row. They received the coveted 30-year service emblems and certificates from General Manager W. A. Murray.

HUESPEDNAN HONRá na un reunion especial di management staff tabata e seis homber situa den e promer rij. Nan a recibi nan emblemanan di 30-anja di servicio y certificadonan for di Gerente General W. A. Murray.

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Long-Service Employees Retire

(Continued from page 1)

lice Departments, he was an employee of the Mechanical Department. His service dates back to February, 1928, when he first started to work for Lago as a machinist helper B. He later was promoted to machinist C and then B, the position he currently holds.

The third thirty-year man to retire Sept. 1 is Mr. Fields, long associated with the Central Tool Room. In fact, Mr. Fields first became tool control clerk in March, 1936, seven years after his original employment as a second class helper on the pressure stills. In January, 1933, he was promoted to foreman of the tool control room later becoming tradesforeman and shop foreman. Last year he was made foreman in the Storehouse.

A long and varied career is Mr. Thielman's. His first company job was that of a sailor with Esso Transportation Co. in April, 1930. He came ashore in March, 1931, and went to work in the pressure stills as a still cleaner. From the pressure stills he went to the Lago Police Department, then to Mechanical-Yard. He will retire a corporal B. He plans to retire in Aruba. He was born in Bonaire.

Also a sailor with Esso Transportation Co. at the beginning of his company employment was Mr. Muller. He went to sea in January, 1933, and came ashore in May of the same year. He then became a second class helper in the carpenter craft, where he has re-

mained for the remainder of his more than twenty-six years of service. He worked his way through the various levels of carpenter with his final promotion making him a carpenter A.

Service with three organizations make up the quarter-century record of Mr. Kelly. His original employ was with the Pan American Petroleum & Transport Co. In April, 1933, he joined Lago's forces as a subforeman in the old Labor Department. In 1941 he went to the Portland Pipeline Co. in Portland, Maine, returning the following year to Lago as assistant operator in the pressure stills. After other positions in the Process Department, he became operator in the pressure stills, then operator in Process-Cracking through promotion in April, 1946. After a stint as clean out subforeman, Mr. Kelly returned to Process-Cracking as operator and job training instructor, the position he held at the time of his retirement.

Mr. Lewis, who will retire a stenographer in the Storehouse with more than 24 years of service, started in the General Services Department. He also worked in the Lago Police and Accounting Departments, the Marine Office and Commissary before joining the Storehouse in January, 1943. He was promoted to apprentice clerk A in 1943 and stenographer II the next year. He became a stenographer I in 1948.

A twenty-year employee is Mr. Gladman, who also leaves Aruba about Sept. 1. Mr. Gladman's entire Lago career was spent in Mechanical-Mason. He began as a subforeman second class in September, 1939, later working his way through levels of supervision to the position of zone foreman in October, 1952.

Mr. Douglas, another St. Vincentian who plans to retire to his home island, has more than nineteen years of Lago service, all in the Mechanical Department and seventeen in the carpenter craft. Successive promotions took Mr. Douglas to the carpenter B rate at which he will retire.

The eleventh man to retire Sept. 1 is Mr. Kux, also of the Mechanical Department. His more than sixteen years were begun in the General Services Department. He transferred three years later to the Mechanical Department as assistant zone supervisor in field coordination.

Eleccion pa Junta Di Scholarship

Na un reunion di Juli 16 e Junta di Director di Administracion di Lago Scholarship Foundation a bolbe eligi e siguiente terminonan como miembro pa sirbi personan anja: F. C. Donovan, presidente; M. E. Fisk, vice-presidente; y B. T. Henriquez, tesoroero. Otro miembronan di e Junta ta E. F. Welch y F. H. Hittfeld. E miembronan di e Junta a nombra L. D. Dittle como secretario.

E comite consultativo di e Junta ta consisti di Frère André, M. Hoekstra, T. M. Binnion, N. P. Schindler y L. D. Dittle, presidente, Secretario ta R. D. Orosco.

Donovan Attending Six-week Session

F. C. Donovan, who recently completed an acting general superintendent assignment, is currently attending the 15th session of the Executive Program in Business Administration. The Columbia University Graduate School of Business-sponsored conference runs from Aug. 16 to Sept. 26. Mr. Donovan's attendance at the concentrated course of study for senior executives is a part of Lago's executive development program.

Grupo Methodist Ta Scucha Cuico Orador di Lago

E cantidad grandi di homber y muher cu ta tuma parti den e periodonan di discusion areglá door di Methodist Men's Club tur siman ta bira mas y mas informá ariba varios aspecto di Lago. Durante algun siman caba miembronan di directiva di Lago ta aparece dilanti gruponan di e congregacion di Methodist pa discuti aspectonan di compania segun nan ta afecta e persona individual y comunidad.

E brshitanan di Diahuebes anochi na Methodist Men's Club door di personal di Lago a cuminsa ora cu domi di e iglesia Rev. John Gumbs a pidi oradornan kende nan topico lo yuda duna un nichor comprendemento di Lago. E topiconan specifico ta cai bao di e proyecto mayor di e club pa conoce e isla mehor. Sr. Gumbs a tuma contacto cu Public Relations Department y door di su gerente, E Teagle, e oradornan di Lago ta worde areglá.

Tur e oradornan asina leuw tabatin seis — tabata empleadonan di Industrial Relations Department. E promer tabata L. D. Dittle, Training Division head. Su topico tabata comprende e historia di Lago y Standard Oil Company (N.J.). E siguiente topico tabata beneficicionan di Lago y a worde presentá pa C. C. Dunlap, asistente industrial relations manager interino y K. L. Weill, Employment and Benefits division head. E dos hombernan a duna un discusion cu



ONE OF a series of talks given by Lago personnel at the Methodist Men's Club under the direction of Rev. John Gumbs was recently presented by Charles B. Shapley of the Safety Division.

UN DI e serie di charla cu ta worde duna door di personal di Lago na Methodist Men's Club bao direccion di Rev. John Gumbs a worde auspiciá recientemente door di Charles B. Shapley di Safety Division.

ilustracion tocante e beneficicionan di Lago pa empleadonan.

C. B. Shapley di Safety Division a papia ariba corremento di auto y a usa aparatonan di test pa gana participacion di e audiencia. J. M. Smith, assistant industrial relations manager, a papia pa un grupo masha interesá tocante seguridad na trabao. Eddie Muller di Wage and Salary Division a duna dos charla tocante Aruba. Su promer tabata tocante his-

toria di e isla y e segunda, presentá Diahuebes siman pasá, tabata tocante organizacion y funcion di gobierno di Aruba.

E discusionnan ta tuma lugar den e reunionnan regular di Methodist Men's Club tur siman. E presentacionnan ta habri pa otro tambe permitiendu muhernan tambe pa tende asina cu e concurrencia promedia ta di mas of menos cincuenta persona, pa atende.

Lago President Opens Radio Programs

Lago's first week of radio shows is now a matter of history. Radio Kelkboom, Radio Victoria and Voz di Aruba, in that order, transmitted the Lago Hour with music, introduction and message by the program's first speaker President O. Mingus.

The first program was aired over Radio Kelkboom in Dutch from 7 to 7:30 Sunday evening. Next came Radio Victoria in English Tuesday evening from 9 to 9:30 with Mr. Mingus' voice on tape. The Papiamentu program came over Voz di Aruba Wednesday evening from 6:30

to 7. The programs will continue over these same stations in the same language every week.

Mr. Mingus spoke on the oil industry and its 100th anniversary. The next speaker will be F. C. Donovan, superintendent of staff and service departments, who will review highlights in the life of J. J. P. Oduber, Lago supervisor and outstanding community worker. The original speech is given in English, put on tape and played over Radio Victoria mid-way through the musical half-hour. The Dutch and Papiamentu are

translations of the English script and are given by Henri Nassy of the Public Relations Department and Eddie Muller and Carlos de Cuba of the Industrial Relations Department. There will be occasions when the original speech will be given in Dutch or Papiamentu. Then the English and second language will be a translation. Because it was the first speech, and because it is about the oil industry's 100th anniversary which is also recounted on pages four and five, Mr. Mingus' radio message is printed below.

born. Although Drake was not solely responsible, he is credited with being the first man to drill through rock for oil and find it.

There was a waiting market for oil in 1859. Whale oil and crude oil gathered from seepages were expensive. Growing industry in America at that time needed lubricants. And even Dr. Samuel Kerr, the Pittsburgh druggist, needed crude oil to be sold as "Petroleum or Rock Oil - The Most Wonderful Remedy Ever Discovered."

Drake's well produced from eight to ten barrels a day. This first well was followed by twenty-four more wells in a matter of months and the first oil boom was on. A year later there were 61 refining plants in Pennsylvania. Some of these plants had throughputs of fifteen to twenty-five barrels a day. The larger ones could process as high as 200 barrels in one day. One hundred years ago that was astounding capacity. Lago, today, is able to process 200 barrels in approximately forty seconds. That's right. It took a large refinery in 1860 an entire day to process what Lago daily handles in forty seconds. Sounds amazing, doesn't it. It is. And at the same time, it clearly points out the advancements that have been made in the oil industry in a relatively short span of time.

Drake and Uncle Billy Smith could never have guessed at the time, but by successfully bringing crude oil to the surface, they began an industry whose growth, resources, competitive nature, technological development and influence on standard of living and ways of life would reach fantastic proportions. It has, indeed, been a century of progress. From that one wooden rig near Titusville, thousands and thousands of towering steel rigs now dot the earth's surface in forests, lakes, deserts, plains, mountains and arctic snow. From a handful of little stills with throughput from 15 to 200 barrels a day, the oil industry now comprises scores of large refineries around the world.

For over three-quarters of oil's century of progress, our parent company has contributed to the industry's development. For more than one-quarter of a century, Lago has played an important role in the world oil picture. Many of you listening to me are directly part of this industry as Lago employees or families of employees. We are all involved because Lago and Aruba are one. Ours is a dynamic industry. It has contributed greatly to better ways of life for all. We can be proud that we are part of the oil industry and look forward to starting it off on another century of progress.



W. D. Orr



J. N. Schorea



E. B. Fields



C. W. Thielman



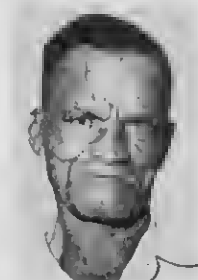
T. M. Muller



T. F. A. Kelly



F. B. Gladman



A. Douglas



R. Kux

Six Employees Reach 30-Year Lago Milestone

Process, Mechanical General Services Employees Honored

Three Process employees, two Mechanical men and a General Services employee were guests of honor at a special management staff meeting Aug. 14. There they were commended by General Manager W. A. Murray on completion of 30 years' service with Lago.

The six new 30-year men are Augustin Kock, corporal B in Receiving and Shipping (Wharves), William D. Orr, job training instructor in Catalytic & Light Ends, and Carl W. Kester, shift foreman in Cracking, all of the Process Department; George B. Mathews, Jr., division superintendent of the Storehouse-Technical and Administration, and Hubert E. T. McMillan, cleanout corporal in the Yard, both of the Mechanical Department; and Hosea A. Benjamin, foreman in General Services-Operating Division-Crafts.

Contributions Lauded

Before presenting the long-service employees with the 30-year service emblems and certificates, Mr. Murray told them each had made significant contributions to Lago over the years that aided the refinery's growth to world prominence.

Mr. Kock joined Lago Aug. 23, 1929 as a wharfinger in Receiving and Shipping where he is still employed. He was promoted to corporal B Sept. 1, 1952, the position he still holds. Mr. Kock's entire service career has been attained without deductible absence.

Mr. Orr started with Pan American Transport Company July 24, 1924 and worked with the Mexican Petroleum Corporation before joining Lago May 30, 1929. He left the company in 1932 and returned in 1934 as an operator third class in the pressure stills. In May, 1934, he was promoted to operator second class. He transferred to the gas plant in February, 1942, where he was promoted to operator the following year. When the Gas Plant was named Catalytic and Light Ends in 1950, Mr. Orr was assigned job training instructor for the division.

Mr. Kester's Lago service dates back to Aug. 4, 1929 when he started as a second class helper in the Pressure Stills. He was promoted to first class helper in December of that year and became a first class stillman helper in September, 1932. Mr. Kester was promoted to operator first class Oct. 1, 1933 and to assistant shift foreman Jan. 1, 1939. He became shift foreman temporary Jan. 4, 1944 and attained permanent status Sept. 1, 1946.

Mr. Mathews' Career Outlined

Mr. Mathews' Lago career started Aug. 25, 1929 as a first class machinist in the Machine Shop. He was promoted to tradesman first class Jan. 1, 1934, subforeman first class in August, 1935 and shop machinist foreman July 1, 1936. In January, 1939, Mr. Mathews was named assistant general foreman followed by his promotion to general foreman of the Machine Shop and Foundry in October, 1941. From 1949 to 1956, he held the job of assistant division superintendent in charge of crafts. In May, 1956, he was named to his present position.

Mr. McMillan joined Lago Aug. 6, 1929 as laborer in Mechanical-Yard. He was promoted to cleanout corporal July 1, 1953, the position he still holds. His entire 30 years of service have been attained without a deductible absence.

Mr. Benjamin came to Lago Aug. 15, 1923 as a helper in Mechanical-Pipe. He transferred to General Services-Operations Division-Crafts June 30, 1936. In November, 1950, he was promoted to foreman, the position he still holds. During his entire service career he has never had a deductible absence.



Augustin Kock



Carl W. Kester



Hosea A. Benjamin



William B. Orr



Hubert E. T. McMillan



George B. Mathews, Jr.

Seis Empleado A Completá 30-Anja di Servicio cu Lago

Tres empleado di Process, dos di Mecanica y un di General Services tabata huesped di honor na un reunion special di management staff Aug. 14. Aki nan a worde comendá pa Gerente General W. A. Murray pa e hecho cu nan a completa 30 anja di servicio cu Lago. E seis hombernan cu recientemente a drenta fila di empleadonan cu 30 anja di servicio ta Augustin Kock, corporal B den Receiving & Shipping (Wharves), William D. Orr, job training instructor den Catalytic & Light Ends, y Carl W. Kester, shift foreman den Cracking, tur di Process Department; George B. Mathews, Jr., division superintendent di Storehouse-Technical and Administration, y Hubert E. T. McMillan, cleanout corporal den Yard, tur dos di Mechanical Department; y Hosea A. Benjamin, foreman den General Services-Operating Division-Crafts.

Promer cu el a presenta e empleadonan di servicio largo e emblemanan y certificadonan pa 30 anja di servicio, Sr. Murray a relata con cada uno a dura contribucion significante na Lago durante anjanan, loke a haci cu e refinancia por a crece y gana prominencia mundial.

Sr. Kock a cuminsa traha cu Lago Aug. 23, 1929 como wharfinger den Receiving and Shipping unda aiuda el ta traha. El a worde promoví pa corporal B Sept. 1, 1952, e posicion cu ainda el ta ocupa. Henter e servicio di Sr. Kock a worde lográ sin ausencia deductible.

Sr. Orr a cuminsa cu Pan American Transport Company Juli 24, 1924, y a traha cu Mexican Petroleum Corporation promer cu el a bini Lago Mei 30, 1929. El a laga compania na 1932 y a bolbe na 1934 como operator third class den pressure stills.

Servicio di Sr. Kester na Lago ta cuminsa Aug. 4, 1929 tempo cu el a cuminsa como second class helper den Pressure Stills. El a worde promoví pa first class helper na December di e anja aki y a bira first class stillman helper na September 1932. Sr. Kester a worde promoví pa operator first class Oct. 1, 1933 y pa assistant shift foreman Jan. 1, 1939.

Sr. Mathews' su carera na Lago a cuminsa Aug. 25, 1929 como first class machinist den Machine Shop. El a worde promoví pa tradesman first class Jan. 1, 1934, subforeman first class na Augustus 1935 y shop machinist foreman Juli 1, 1936. Na Januari 1939, Sr. Mathews a worde nombrá assistant general foreman sigui pa su promocion pa general foreman di Machine Shop y Foundry na October 1941. For di 1949 pa 1956, el a ocupa e posicion di assistant division superintendent encargá cu crafts. Na Mei 1956 el a worde nombrá den su posicion actual.

Sr. McMillan a cuminsa traha na Lago Aug. 6, 1929 como laborer den Mechanical-Yard. El a worde promoví pa cleanout corporal Juli 1, '53. Sr. Benjamin a bini Lago Aug. 15, 1929 como helper den Mechanical-Pipe. El a transferi pa General Services-Operations Divisions-Craft Juni 30, 1936. Na aña 1950 el a worde promoví pa foreman.

Diez-Un Empleado Ta Retira

(Continua di pagina 1)

cess y Lago Police Department, el tabata empleado di Mechanical Department. Su servicio ta bai back te na Februari 1928 tempo cu el a cuminsa traha pa Lago como machinist helper B. Despues el a worde promoví pa machinist C y despues B, e posicion cu el ta ocupa actualmente.

E di tres homber cu trinta anja di servicio cu lo retira Sept. 1 ta Sr. Fields, kende tin hopi tempo ta traha na Centra. Tool Room. En efecto, Sr. Fields a bira tool control clerk na Maart 1936, siete anja despues di su empleo original como second class helper den pressure stills.

Sr. Tidelman tin un servicio largo y variá. Su promer trabao cu compania tabata como nabegante cu Esso Transportation Co. na April 1930. El a bini terra na Maart 1931 y a bai traha den pressure stills como still cleaner. For di pressure stills el a bai Lago Police Department, despues Mechanical Yard. El ta retira como corpora. B.

Tambe un nabegante cu Esso Transportation Co. na principio di su carera cu compania tabata Sr. Muller. El a bai lamar na Januari 1933 y a bini terra na Mei di e mes anja. Despues el a bira helper segunda clase den carpenter craft, unda el a keda pa resto di su mas cu binti-seis anja di servicio. El a traha bini ariba door di e varios rangonan di carpenter carpenter cu su ultimo promocion.

Servicio cu tres organization ta forma e cuarto siglo di servicio di Sr. Kelly. Su empleo original tabata cu Pan American Petroleum & Transport Co. Na April 1938 el a bini traha cu Lago como subforeman den e an-

terior Labor Department. Na 1941 el a bai Portland Pipeline Co. na Portland, Maine, bolbiendo e siguiente anja como assistant operator den pressure stills.

Sr. Kelly a bolbe Process-Cracking como operator y job training instructor, e posicion cu el tabata ocupa na tempo di su retiro.

Sr. Lewis kende lo retira como un stenographer den Storehouse cu mas di 24 anja di servicio, a cuminsa den General Services Department. Tambe el a traha den Lago Police y Accounting Departments, Marine Office y Commissary promer cu el a bini Storehouse na Januari 1943. El a worde promoví pa apprentice clerk A na '43 y stenographer II, siguiente anja. El a bira stenographer I na '48.

Un empleado cu binti anja di servicio ta Sr. Gladman, kende tambe ta laga Aruba mas of menos Sept. 1. Henter Sr. Gladman su servicio a worde pasá den Mechanical-Mason. El a cuminsa como subforeman segunda clase na September 1939, despues trahando door di varios nivel di supervision y birando zone foreman na October 1952.

Sr. Douglas, un otro St. Vincentiano kende tin idea di retira na su isla nativo, tin mas di diez-nuebe anja di servicio cu Lago, tur den Mechanical Department y diez-siete den carpenter craft. Promocionnan sucesivo a trece Sr. Douglas te na rango di carpenter B na cual el lo retira.

Di diez-un homber cu ta retira Sept. 1 ta Sr. Kux, tambe di Mechanical Department. Su mas di diez-anja a cuminsa den General Services Department. El a transferi tres anja despues pa Mechanical Department.

1859 Oil's First Century 1959



"COLONEL" EDWIN L. Drake had little technical experience but he succeeded in bringing in the world's first oil well at Titusville, Pennsylvania, Aug. 27, 1859. "COLONEL" EDWIN L. Drake tabatin poco experiencia tecnica pero el a logra treece aden e promer di azeta na Titusville, Pennsylvania, Aug. 27, 1859.

"Struck oil!" cried Uncle Billy Smith as he raced down the streets of sleepy Titusville, Pennsylvania, on that famed Sunday afternoon of Aug. 27, 1859. Little did the village's few hundred souls know that Uncle Billy's cry had ushered in an industry and an era that would illuminate the dark corners of the world and eventually help man conquer outer space. For Uncle Billy, the man who drilled the world's first commercial oil well under the persistence of "Colonel" Edwin L. Drake, had roused Titusville and the world with the birth announcement of the oil industry. The entire world would soon switch from sperm-oil lamps and tallow candles to kerosene lamps; engines would soon be invented to burn gasoline and other petroleum fuels; industrial growth of the United States and Europe would be greatly stimulated through the introduction of heating oils, petroleum lubricants and special fuels for turbines, aircraft and later rockets and jets.

Uncle Billy's cry generated large petroleum corporations such as Standard Oil Company (N.J.), parent company of Lago. It gave people a new and better standard of living. In many respects, the development and growth of the petroleum industry in the United States parallels that country's tremendous advance from an isolated fledgling nation in 1859 to one of the leading nations on earth.

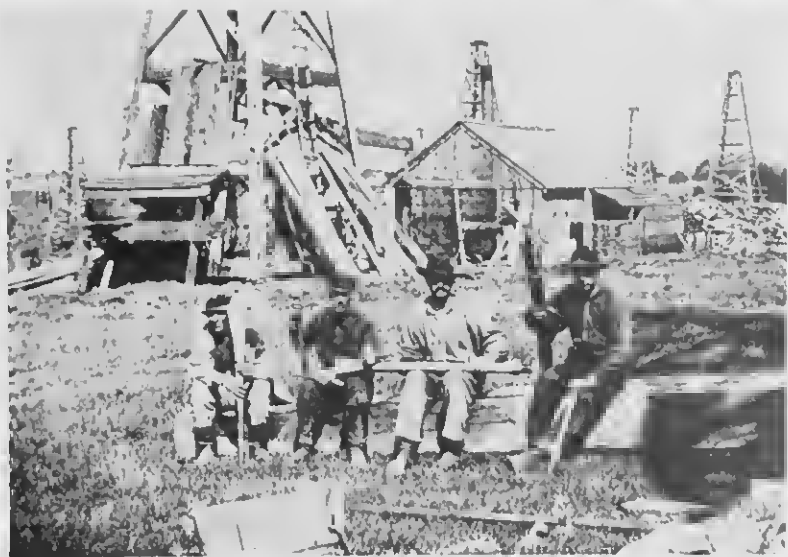
Until that historic August day, only a few could afford the luxury of adequate illumination in their homes. Most homes depended on dim candles, smoky whale oil lanterns or extremely dangerous camphene (turpentine and alcohol) lamps. This situation was almost changed overnight with the advent of cheap kerosene. Even the industrial revolution, started shortly after James Watt became fascinated with a whistling teakettle, was hobbled without proper lubricants. Nearly all the power needed to farm the land, feed and clothe the population and produce material goods was supplied by the muscles of men and animals. Our civilization, one hundred years later, takes such things as jet airplanes, space rockets, diesel locomotives, cars and trucks and mo-

(Continued on page 6)



BARRELS BY the thousands were used by oilmen in the early day of the petroleum industry for the storage and transportation of oil.

BARRIL NA miles tabata worde usá door di e hendenan di azeta den e promer temponan di industria petrolero pa warda y transporta azeta.

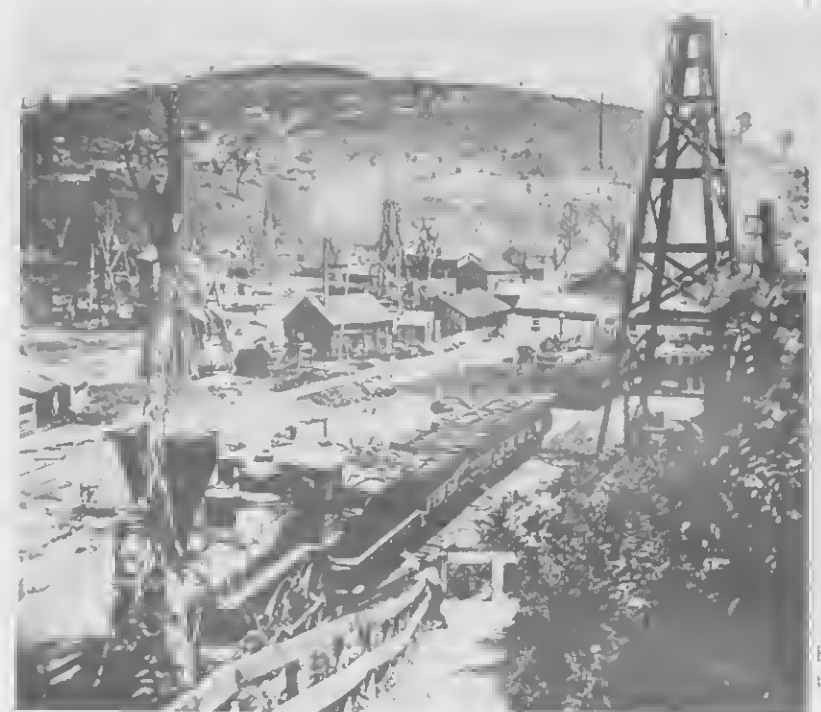


DRILLING TOOLS, left, used in the early oil fields of western Pennsylvania were primitive by today's standards, but they brought in the oil that created a new industry. Early pipelines were laid by hand, and were slow and arduous to build by musclepower methods. Slowly but surely, however, the network grew to 205,000 miles of pipelines now crisscrossing the United States.

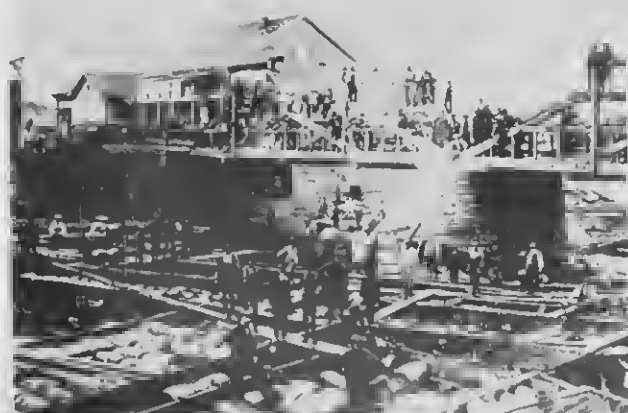
HERMENTNAN DI dril, robez, cu a worde usá den camponan di azeta di parti west di Pennsylvania tabata primitivo segun normanan di awendia, pero nan a logra haya e azeta y cria un industria. Den promer tempo e linja ditubo tabata worde poni na man, banda drechi, y tabata tuma hopi tempo pa pone nan. Poco poco pero seguramente, sin embargo, e red a crece te 205,000 milla di linja di tubo cu awor ta cruza Estados Unidos.



HISTORY'S FIRST oil d "Uncle Billy" Smith, lef maker and driller for the that brought in the first 1859. James M. Townse Haven banker, was presid E PROMER driller di azet, bata W. A. "Uncle Billy" robez, kende tabata traha driller pa e grupo di Drake azeta Aug. 27, 1859. Jam banda drechi, banquero di ta presidente di Seneca O tabata financia y dirigi e d di Drake cerca di Titusvi Seneca a bira e promer ciente na mundo cual a n industria di a



A WOOD-BURNING locomotive strains under the load of two ca laden with barrels of oil. Today, diesel-powered locomotives pull lun trains of steel tank cars carrying petroleum products to market. UN LOCOMOTIEF cu ta kima madera ta keha bao di e carga di wagon cu barril di azeta. Awendia, locomotief di diesel ta lastra tres largo di wagonnan tanquera di staal cu ta hiba productonan di petrol mercado.



THE METHOD of floating barrels of oil down stream in flat boats often resulted in disaster. E METODO di flota barril di azeta cu stroom den boto flat hopi vez tabata resulta den desastre.



FIRST OCEAN-GOING vessel designed to haul petroleum in bulk was the Gluckauf, a 300-foot English-built sailing ship with coal-burning steam engines. PROMER BARCO grandi pa carga petroleo na bulto tabata Gluckauf, un barco di bela 300 pia largo traha na Inglaterra cu motor di stiem cu ta kima carbon.



THE WORLD'S first oil boom was launched western Pennsylvania when Drake's well came in. E PROMER boom di azeta na mundo a worde lau don parti occidental di Pennsylvania.

1859 Promer Siglo di Azeta 1959

s W. A. was tool operation Aug. 27, d, New e Seneca directed tr Titusville the which dustry toria ta, banda erment y ra haya awnsend, en, taba my cual di e poos sylvania. a produ- ncipio di



"Azeta!" Uncle Billy Smith tabata grita coriendo bai abao dan e cayanan sonjante di Titusville, Pennsylvania, ariba e famoso Diadomingo tramerdia Aug. 27, 1859. Poco e algun cientos di habitante di e pueblecito por a realiza cu e grito di Uncle Billy tabata anuncio di un industria nobo y un era cu lo ilumina e skinanan obscuro di mundo y eventualmente yuda conquista espacio. Pasobra, Uncle Billy, e homber cu a drill e promer poos comercial di azeta na mundo bao persistencia di "Colonel" Edwin L. Drake, a desperta Titusville y mundo henter cu e anuncio di industria di azeta. Pronto henter mundo lo cambia for di azeta di bayena y bela di smeer pa lampi di kerosine; pronto motornan lo worde inventa pa kima gasoline y otro combustible di petroleo; crecimiento industrial di Estados y Europa lo worde stimula grandemente door di introduccion di azetanan pa calefaccion, lubricantenan di petroleo y combustible special pa turbina, aeroplano y despues raket y jet.

E grito di Uncle Billy a genera companianan grandi di petroleo manera Standard Oil Company (N.J.), compania pariente di Lago. El a duna hendenan un standard di bida nobo y mehor. Den hopi respecto, e desaroyo y crecimiento di industria petrolero den Estados Unidos ta corre igual cu e avance tremendo di e pais aki for di un nacion chikito na 1859 pa un di e nacionnan potente na mundo.

Te e dia historico di Augustus aki, solamente algun hende por a sostene e luho di iluminacion adecuado di nan cas. Mayoria cas tabata depende di bela, lanterna di azeta di bayena of un mezcla peligroso di terpentijn y alcohol. E situacion aki a cam-

(Continua na pagina 7)



THIS IS the world's first commercial oil well. Wearing the top hat is Edwin L. Drake, the man who conceived the idea of drilling for oil. With him is Peter Wilson, Titusville druggist who encouraged him.

ESAKI TA e promer poos di azeta comercial na mundo. Esun cu e sombré halto ta Edwin L. Drake, e homber cu a concebi e idea pa drill pa azeta. Hunto cu ne ta Peter Wilson, boticario di Titusville cu a encurashele.



THIS CLOSE-UP of a pressure still taken at the Baton Rouge Refinery of Standard Oil Company (N.J.) in 1917 reveals its simplicity.

CLOSE-UP aki di un pressure still tumá na e Refineria di Baton Rouge di Standard Oil Company (N.J.) na 1917 ta revela su simplicidad.



PICTURED IS a rather ancient view of the Bayonne Refinery at Bayonne, New Jersey.

ARIBA E retrato tigu un vista antiguo di refineria di Bayonne na Bayonne, New Jersey.



EVEN AS recently as 1923, when this picture was taken, some oil refineries looked simple compared to those of today. This plant was operated by the Okmulgee Producing and Refining Company in Oklahoma. HASTA TE den anja 1923 tempo cu e retrato aki a worde saca algun refineria di azeta tabata parce simple compará cu esnan di awendia. E planta aki tabata worde operá door di Okmulgee Producing and Refining Company na Oklahoma.

BY THE year 1910 regular gasoline stations like this one in Flint, Michigan, began to spring up all over the United States. With many free services offered to motorists, the name "service station" became fixed in the American language. PA MAS of menos 1910 stacionnan regular di gasoline manera esaki na Flint, Michigan, a cuminsa spruit den tur skina di Estados Unidos.



WORKMAN, top photo, seems awed by this gusher brought by Standard Oil Company of California in February, 1910. The row of high pressure stills, above, at the Baton Rouge refinery was modern equipment in 1917. At right is a bird's eye view of the refinery, which spread over 540 acres, taken the following year.

N OBRERO, foto ariba, ta pará yen di asombro dilanti e os aki lográ door di Standard Oil Company of California ta spruit azeta. E tempo tabata Februari 1910. E fila di lls di alta presión, ariba, na refineria di Baton Rouge ta forma equipo moderno na 1917. Banda dreechi tin un sta di un refineria cu ta plamá over di 540 acres di terra.





THROUGHOUT THE vast confines of the Lago concession are 165 brightly enameled signs urging employees to continue to practice good housekeeping which, as the sign says, is the keynote to safety. DEN HENTER e promotor di Lago lin 165 keynote di color yamando empleadonan pa sigui cu e bon practico di limpieza, cual, manera e borch ta bisa, ta e yabi di seguridad.

Oil's First Century

(Continued from page 4)

torships for granted. But without these technical advances, families might still be gathered round a foul smelling whale oil lamp which barely illuminates a worn text.

No one is positively sure how oil was formed in the bowels of the earth. Its origin is still a widely debated subject. Popular theory is that millions of years ago organic material settled in the beds of vast seas that now are covered by land masses. It carried with it fine particles of animal and vegetable matter chemically suited to become the source of petroleum. As time went on the weight of increasing layers subjected the oily source material to increasing heat and pressure. Eventually oil substances were squeezed from the muds and sands. Over many millions of years additional changes took place to form the substances into types of natural gas and crude oil. This became trapped in reservoirs formed by distortions of the earth's crust. Oil and gas were trapped where porous zones or streaks of rock became non-porous. It was just such a reservoir that "Colonel" Drake and Uncle Billy penetrated with their crude drilling rig.

Oil Discovered Centuries Ago

Oil had been "discovered" centuries before the Titusville episode. Noah had calked his Ark with pitch and Job told of a rock which "poured me out rivers of oil." The Egyptians used it to grease chariot axles and the Greeks won a sea victory with it by setting the sea afire. Chinese temples and palaces, now ancient, were bathed in the lights of petroleum lamps. Even American Indians used it to calk their canoes.

Completion of the Drake well might have been merely an incident in local history except for earlier develop-

ments that had already created a pressing need for lamp oil. The demand for illuminants in early 19th century America grew by leaps and bounds. Even whaling fleets returning to port with thousands of barrels of expensive sperm oil in their holds couldn't begin to supply the country's needs.

In 1847 a scientist named James H. Young managed to refine a satisfactory product from the shales of his native Scotland. He called it "coal oil," a name by which kerosene is sometimes called in middle regions of the United States. Six years later, Dr. Abraham Gesner, a noted chemist, started manufacturing a similar product from canned coal which he dubbed, "kerosene." But Dr. Gesner soon ran into competition in the form of a less expensive product made from petroleum accidentally discovered by salt well drillers. This competition, the nation's urgent need for a cheap illuminant, set the stage for the Titusville discovery.

As a result of a report in 1857 by one of America's foremost chemists, Professor Benjamin Silliman, Jr., the Pennsylvania Rock Oil Company decided to develop a 100-acre tract near Titusville. Professor Silliman had concluded, from an analysis of oil found on the property, that the substance offered many possibilities as a raw material for lubricants, luminants and other products.

James M. Townsend, a New Haven banker and president of the Pennsylvania Rock Oil Company, hired Edwin L. Drake to investigate the firm's Titusville property which contained a large oil spring. His honorary title of "Colonel," which went with a \$1000 annual salary, earned him the respect of the town although his drilling efforts were soon to be dubbed "Drake's Folly." First he tried digging a pit, but the over-

Hospital, C&LE A Promove Dos

William W. Minier y Leonard P. K. Volney di Medical y Process Departments, respectivamente, a haya promocion na Augustus. Sr. Minier a worde promovi pa director di nursing na Lago Hospital Aug. 15 y Sr. Volney a worde promovi pa assistant shif. forman na Catalytic and Light Ends Aug. 1.

Sr. Minier tin mas di 20 anja di servicio tur den Medical Department. El a ocupa numeroso posicionnan den terreno di nursing y a worde promovi pa assistant director of nursing service na November 1951. El a bira assistant director di nursing Jan. 1 di e anja aki.

Sr. Volney tambe ta empleado di un departamento. Henter su servicio di mas en 18 anja a worde pasá den Catalytic and Light Ends. El a cuminsa na April 1941 como process helper D Promocionnan sucesivo, nuebe na tur, a pasele door di varios posicionnan den Process te a lo largo pa operator na Augustus 1951, e posicio a cual el tabata ocupa na tempo di su promocion.

flowing waters of nearby Oil Creek nearly drowned his men. Then came his inspiration that rocked the world: "I'll drill instead of dig."

He obtained the services of Uncle Billy Smith and his sons who undertook the actual drilling. A year later the team met with success and the rest is history.

The boom was on. A mob of "get rich quick" schemers descended on the tiny village and surrounding area. Oil prices fluctuated from as high as \$10 a barrel during the peak of the boom to a low of 10 American cents when the bubble burst. Fortunes were made and lost overnight in the Titusville area but the oil industry had finally been born after prolonged labor pains.

Mother of Invention

They say that necessity is the mother of invention. It was certainly true in the early days of the oil industry. Oil had to be stored so crude carthen dams became the first tank farms. Coopers worked night and day making the 42-gallon barrels that today remain the standard measurement of the industry. The demand for barrels was so great immediately after the boom that at times the price of barrels exceeded the price of oil. At first, oil was transported to refining centers by floating it downstream in barges on the crests of "pond freshets." These floods were deliberately made in shallow Oil Creek by opening dams originally designed to move logs to market.

Railroads thrust their spurs into the boom towns and in a few short years the horizontal iron tank cars emerged. First hauled in barrels on flat cars, oil was next transported in vertically mounted wooden tanks, then in the iron tank car of 1869.

Along with the railroads, came the pipe men. The first successful pipe-

Fase di Management School Completá pa 16 den IR

Un fase di 16 siman di Industrial Relations Management Development Program a worde completá Aug. 20 door di 16 empleado di Industrial Relations Department. E programa di entrenamiento ta centra ariba miembronan di staff cu a worde selectá pa status supervisorio. Mayoria di e empleadonan aki ya a ocupa of lo ocupi posicionnan di mas responsabilidad den e departamento.

Atend'endo e sesionnan cual a cuminsa Mei 4 ta B. R. Arends, D. G. Croes, D. De Palm, F. Francis, H. Harms, A. Hassell, R. D. Oroseo, A. Sjaaw-A-Kian, S. P. Viapree, M. Jessurun, C. DeCuba, E. Fingal, R. A. Zambrano, C. E. Morales, A. Eman y F. Wernet.

Obheta di e programa ta pa prepara e participantenan den tratamiento di responsabilidadnan nobo den departamento cu acento principal ariba desaroyo di ahilidadnan individual den tal terreno manera huzgamento, evaluacion critico, planca-

mento, organizacion y adaptabilidad.

Dos diferente procedimiente a worde usá den e fase aki di e programa. Promer fase tabata consista di un serie di seis discusion cual a orienta e 16 hombernan pa e rol y responsabilidadnan di directiva. Ademas e ta aumenta saher di e grupo den asuntunan relaciona cu haciamente efectivo di trabao.

Segunda fase di e programa di entrenamiento, den e forma di seminars di dos y nutar ora, tabata dedicá na desaroyo di e ahilidadnan individual di e participantenan. Dos grupo di ocho miembro cada un tabata contra cu un moderator, un of mas division heads tabata sinta como observador o participante, unda cada un tabatin e oportunidad pa presenta informe verbal ariba topiconan cu a worde duna anteriormente y cu ta provoca discusion.

Un aspecto importante di e seminars aki, tabata e discusion ahierto cu tabata sigui e informe oral.

"America will run out of oil."

The closing decade of the nineteenth century and the opening years of the twentieth century witnessed four events that were destined to change the course of the petroleum industry. First was the rise of electricity as a formidable competitor of kerosene. Second was the development and fantastic growth of the automobile industry which grew from 800 cars in 1898 to nearly 60,000,000 registered in the United States today. Third momentous event was the bringing in of the great Lucas well at Spindletop, Texas, in 1902. Until it was capped, this well shot 100,000 barrels of oil in the air a day. It foretold the rise of the south-west U.S. as a leading oil producing area and stimulated the growth of a number of independent companies. Fourth, and last, event occurred in 1903 when Orville Wright made his historic flight at Kitty Hawk, North Carolina. Thus was born the airplane and the aviation industry, an important consumer of petroleum products today.

Refining Developments

In recent years such a refining development as catalytic cracking has greatly increased gasoline yield from crude oil. Anti-knock agents have upped the octane rating of motor fuels. Petrochemicals have given the world a whole new range of synthetic materials. Improved marketing methods have kept petroleum products favorably priced in spiraling periods of inflation.

Many militarists are convinced that oil won World War II. The industry's contributions in that conflict preserved democracy for the western world.

"Struck oil," cried Uncle Billy. Little did he know then how fast that news would travel around the world and eventually into space.



IT WAS only fitting that 30-year employee Eugene Spitz, shift foreman in the Acid & Edeleanu Plants, present an artfully decorated scroll to Executive Vice-President F. E. Griffin, also a 30-year man, before he left for Iran.

TABATA NET apropiado cu un empleado di 30 anja di servicio, Eugene Spitz, shift foreman den Acid & Edeleanu Plants, a presenta un scroll bunila decorá na Vice Presidente F. E. Griffin, tambe un homber di mas cu 30 anja di servicio, promer cu el a sali pa ocupa su encargo nobo na Iran.

A CHAMPION of safety, the executive vice-president hangs a National Safety Council plaque beside others in the GOB, signifying that Lago was the safest refinery in the world in 1958. Lago also placed first in 1957's contest.

UN CAMPEON di seguridad, e vice presidente ejecutivo ta colga un plachi di National Safety Council banda di e otro nan den GOB significando cu Lago tabata e refinaria mas seguro na mundo na 1958. Lago a sali promer lugar lambe den e concurso di 1957.

SHORTLY BEFORE he left Aruba to become general manager of the Abadan Refinery, Mr. Griffin was guest of honor at a special dinner. Present were top Lago and Creole personnel and dignitaries such as Bishop M. J. Holterman. POCO PROMER cu el a laga Aruba pa bira gerente general di Abadan Refinery, Sr. Griffin tabata huesped di honor na un comida na Esso Club. Presente tabata miembronan di directiva suprema y dignitarionan prominente manera Obispo J. M. Holterman.

Grants Awarded Three Who Plan Nursing Careers

Three former Lago Hospital nurses aides are presently furthering their nursing education in Holland. The young ladies, all of whom received assistance in the form of grants from the Lago Scholarship Foundation, are Maria E. V. Harms,



M. E. V. Harms



C. L. Campbell

daughter of Mrs. Abelinita Harms, an Administration Building receptionist; Clarette L. Campbell, daughter of Cecil H. Campbell, assistant operator in Light Oils Finishing, and Cornelia M. Ras, daughter of Anna K. Ras of San Nicolas.



C. M. Ras

Miss Harms and Miss Campbell,

Seminar Entry Blanks Available

Applications for the seminar on modern instrumentation will be accepted beginning Sept. 1. The forms and necessary information can be obtained from the Training Division, Room 256 of the Administration Building.

The seminar, which will, in the main, be university level instruction, will run from Oct. 12 through Nov. 7. The series of meetings, all scheduled for evening hours, will be conducted by Dr. James M. Mozley, Jr., associate professor of radiology and director of the Radiology Research Laboratory at John Hopkins Hospital.

The course will cover primarily the application of instrument theory in petroleum processing and similar industries. Developed during the lectures will be control theory and mathematics for dynamic analysis.

who have worked two and one-half and one and one-half years, respectively, at Lago Hospital, are attending St. Joseph Hospital in Venlo. Miss Harms attended St. Maria College in Oranjestad and Miss Campbell attended St. Filomena College.

Miss Ras was a nurses aide at Lago Hospital for one and one-half years. She is attending Van Ieterson Hospital in Gouda. She attended St. Theresa's School and the Aruba Commercial School.

Donovan Atendiendo Curso di Seis Siman na Columbia

F. C. Donovan, kende recientemente a completa un encargo interino como superintendente general, actualmente ta atendiendo di 15 Sesion di e Executive Program in Business Administration. E conferencia cu ta worde auspiciá door di Columbia University Graduate School of Business ta durá for di Aug. 16 pa Sept. 26. Sr. Donovan ta atende e curso concentrá di estudio aki como parti di Lago su programa pa desaroyo di checutivonan.

Formulario pa Seminar Disponible

Aplicacionnan pa e seminar tocante instrumentacion moderno lo worde aceptá cumenzando Sept. 1. E formulario y informacion necesario por worde obtení for di Training Division, Room 256 di Administration Building.

E seminar enal en efecto lo ta instruccion ariba nivel universitario, lo ta for di Oct. 12 pa Nov. 7. E serie di reunionnan, tur tinmando lugar den oranan di anochi, lo worde guiá pa Dr. James M. Mozley, Jr., profesor asociado di radiologia y director di Radiology Research Laboratory na John Hopkins Hospital.



HONORED AT a recent retirement luncheon was Willemfridus J. Booi, Accounting Department, who left Lago Aug. 1. Left to right are F. W. Quiram, R. E. Shearon, Mr. Booi, C. B. Garber, J. J. P. Odeber and P. Bakker.

RECIENTEMENTE A worde honrá na un comida di despedida Willemfridus J. Booi, Accounting Department, kende a laga Lago Aug. 1. Di robex pa drechi ta F. W. Quiram, R. E. Shearon, Sr. Booi, C. B. Garber, J. J. P. Odeber y P. Bakker.

E curso lo cubri primeramente e aplicacion di teoria di instrumento den procesamiento di petroleo y industria similar. Durante e lecciones lo worde desaroya teoria di control y matematicas pa analyse dinamico.

Hospital, C&LE Promote Two

William W. Minier and Leonard P. K. Volney, of the Medical and Process Departments, respectively, received August promotions. Mr. Minier was promoted to director of nursing at Lago Hospital Aug. 15 and Mr. Volney was promoted to assistant shift foreman in Catalytic and Light Ends Aug. 1.

Mr. Minier has over 20 years of service, all in the Medical Department. He has held numerous nursing positions and was promoted to assistant



W. Minier

L. P. Volney

director of nursing service in November, 1951. He became assistant director of nursing Jan. 1 this year, the position he held at the time of his promotion.

Mr. Volney, too, is a one department employee. His entire service of over 18 years has been in Catalytic and Light Ends. He started in April, 1941, as a process helper D. Successive promotions, nine in all, took him through various Process positions to operator in August, 1951, the position he held at the time of his promotion.

O. Mingus A Cumenza Promer Programa Radial

E promer siman di programa radial door di Lago ya awor ta un cuestion di historia. Radio Kelkboom, Radio Victoria y Voz di Aruba, den e secuencia aki, a transmiti e programa "Ora di Lago" cu musica, introduccion y mensaje door di e promer orador di e programa Presidente O. Mingus.

E promer programa a worde transmiti over di Radio Kelkboom na Hollandes for di 7 pa 7:20 p.m. Despues a bin Radio Victoria na Ingles for di 9 pa 9:30 p.m. cu Sr. Mingus su voz ariba tape. E programa Papiamentu a bin over di Voz di Aruba Diarazon anochi for di 6:30 pa 7 p.m. E programanan lo sigui atravez di e mes stacionnan aki den e mes idioma tur siman.

Sr. Mingus a papia tocante industria petrolero y su di 100 aniversario. E siguiente orador lo ta F. C. Donovan, superintendente di departamentonan di staff y servicio, kende lo repasa carrera di J. J. P. Odeber, supervisor na Lago, y prominente trahador den comunidad. E di tres programa lo presentá Gerente General W. A. Murray, kien lo discuti e topico "Kien ta Donjo di Lago."

Promer Siglo di Azeta

(Continua di pagina 5)

bis por bisa di nochi pa di dia ora kerosine a bin na moda. Hasta e revolucion industrial, cual a cumenza poco despues cu James Watt a inventa e mashien di stien, tabata core sin lubricante adecuado. Casi tur e energia necesario pa cultiva terra, alimenta y bisti e poblacion y produci bienes material tabata worde furni door di musculo di hende y di animalnan. Nos civilizacion, c'en anja despues, ta ecepta como cos diario aeroplano di jet, raket di espacio, locomotief diesel, auto y truck y botonan di motor. Pero sin e avancenan tecnico aki, podiser ainda famihan tabata reuni rond di un lampi di azeta di bayena cu ta hule malo y cu apenas ta ilumina un texto.

Con Azeta A Worde Formá

Ningun hende ta completo segur con izeta a worde formá den seno di mundo. Su origen ainda ta un topico tocante enal tin hopi discusion. Teoria popular ta bisa cu millones di anjanan pasá material organico a saak na fondo di lamarnan grandi cu awor ta massanan di terra. Den esaki tabatin partinan fini di restonan animal y vegetal cu quimicamente tabata e fuente di petroleo. Segun tempo tabata pasá e peso di laagnan creciente tabata poni e fuente di azeta bao mas y mas calor y presion. Eeventualmente substancianan di azeta tabata worde pretá afor di e lodo y santo. Despues di hopi millones mas di anjanan mas cambionan a tumá lugar pa forma e substancianan den diferente sorto di gas natural y crudo. Esaki a keda capturá den reservois formá door di distorsion den e casca di mundo. Azeta y gas tabata keda capturá unda zonanan poroso of formacion di baranca tabata bira no-poroso. Tabata net un tal reservois cu "Colonel" Drake y Uncle Billy a penetra cu nan drill crudo.

Azeta Desubri

Azeta a worde "descubri" varios siglo promer cu e episodio di Titusville. Noah a cerra su Arca cu pek y Job tabata conta di un baranca cu "tabata saca rio di azeta." E Egypcianonan tabata usá e pa lubrica as di kitrin y e Griegonan a gana un batalla naval cu ne door di cende lamar na candela. Templo y palacionan Chines, awor antiguo, tabata banja den claridad di lampinan di petroleo. Hasta Indianan Americano tabata usá e pa cerra nan canoa.

Completacion di e poos di Drake por tabata solamente un incidente den historia local excepto pa desaroyonan anterior cu ya a crea un necesidad urgente pa azeta di lampi. E demanda pa iluminante na principio

di siglo 19 na America tabata crece visiblemente. Hasta flotanan bayenro bolbendo puerto cu miles di tonelada di costoso azeta di bayena den nan bodega no por a satisfice necesidad di a pais.

Na 1847 un cientista yamá James H. Young a logra refina un producto satisfactorio for di azeta di den baranca na Escocia unda el a nace. El a yama esaki "coal oil," un nombre cu algun vez nan ta usa pa kerosine den parti central di Estados Unidos. Seis anja despues, Dr. Abraham Gesner, un famoso quimico, a cumenza fabrica un producto similar for di carbon na baki cual el a yama "kerosine." Pero pronto Dr. Gesner a contra competicion den forma di un producto menos caro trahá for di petroleo cu a worde descubri pa desgracia door di cobadornan di poos di salo. E competicion aki, e necesidad urgente di e nacion pa un iluminante barata, a habri camina pa e descubierta di Titusville.

Locura di Drake

Como resultado di un informe na 1857 door di un di e quimiconan prominente di America, Professor Benjamin Siliman, Jr., Pennsylvania Rock Oil Company a decidi pa desaroya un tracto di 100 acre cerca di Titusville. Professor Siliman a conclui for di un analyse di azeta haya ariba e propiedad aki, cu e substancia tabata ofrece hopi posibilidad como un materia prima pa lubricante, luminante y otro productonan.

James M. Townsend, un banquero di New Haven y presidente di Pennsylvania Rock Oil Company, a emplea Edwin L. Drake pa investiga e propiedad di e firma na Titusville cual tabata contene un fontein grandi di azeta. Su titulo honorario di "Colonel," cual tabata acompaña pa un salario anual di \$1000, a gana pe respect di e ciudad maske en su trabao di drillmento pronto a haya number di "E Locura di Drake." Promer el a cumenza ceba un poos, pero e awanan di e cercano Oil Creek casi a hoga su hendenan. Despues a bini su inspiracion cu a sagudi mundo: "Mi ta bai drill en vez di ceba."

El a asegura servicio di Uncle Billy Smith y su yunan cu a emprende e drillmento. Un anja despues e grupo tabatin exito y e resto ta historia.

E "boom" a cumenza. Un grupo di hendenan cu idea pa bira rico pronto a laga basha ariba e ciudad chikito y vecindario. Prijs di azeta tabata oscila for di \$10 pa barril durante cumbec di e "boom" pa 10 cents pa barril ora e fascinacion a pasa. Fortunanan tabata worde ganá y perdi den un dia na Titusville, pero un cos

tabata segur: despues di hopi dolor industria petrolero a nace.

Nan ta bisa cu necesidad ta mama di ingenio. Esaki tabata berdad den e promer temponan di industria petrolero. Mester a warda azeta y pesey dam di terra a bira e promer tankinan di azeta na mundo. Trahadornan di barril tabata traha di dia y anochi pa traha e bocan di 42 gallon cu awendia ainda ta e midi standard den e industria. E demanda pa barril tabata asina grandi despues di e boom cu de vez en cuando e prijs di e barrilnan tabata mas halto cu di e azeta. Promer tempo, azeta tabata worde transportá pa centronan di refinacion door di flota esaki ariba rio den barge of ariba vlot. Nan tabata signi e mes camina cu tabata worde usá pa flota palo pa mercado.

Promer Transportacion

Ferrocarril a cumenza metete braza den e ciudadnan petrolero y den algun anja e tankinan di hero a bini ariba. Promer transportá na barril ariba caro plat, azeta despues tabata worde transportá cu tankinan di palo montá verticalmente, y mas luego den e tanki di hero di 1869.

Hunto cu e ferrocarril a bini e tubería. E promer exitoso linja di tubo tabata pasa di Pithole, un ciudad cu a duia exactamente un anja, pa Miller's farm canto di Oil Creek Railroad, casi cinco milla na tur! E linjanan di tubo a ocasiona un guerra entre e pipefitters y trahadornan cu carga cu a perde un fuente di entrada cu e desaroyo nobo aki. Pero e pipefitters a gana y for di nan esfuerso crudo usando tubo di hero bashá cu hanchura di seis dnm a resulta un red di 201,000 milla di tubo atravez di henter e nacion. Linjanan di tubo ta furni e clase di transportacion mienos costoso ariba terra pa move carganan fluido.

Promer Tanquero

Europa a baha casi exclusivamente ariba Estados Unidos pa productonan di azeta te poco promer cu Guerra Mundial I. Glauckauf na 1886, e promer tanquero di oceano, tabata liba productonan pa estranheria.

E industria a crece y crece te cu el a bira lke e ta awor. E anjanan despues di guerra civil na Estados Unidos tabata un tempo di expansion rapido y competicion duro. E pais tabatin mester di fuente nobo di energia, lubricacion y iluminacion pa desaroya industrianan altamente organizá, ciudad grandi y haciendanan vasto. Un hoben yamá John D. Rockefeller a laga sinti su influencia na 1863 ora cu el a inverti den un refineria chikito na Ohio. For di e ventura aki a resulta Standard Oil



A RECENTLY hospitalized seaman, J. Sukarman of the S. S. Hoegh Lance, collects back pay from J. M. Hunt, cashier-postmaster.

UN MARINERO recientemente hospitalizó, J. Sukarman, ta colecta pago atrasá for di J. M. Hunt, cashiermaster.



Sorting mail by ship is A. P. Geerman, clerk in the Marine Post Office.

ASORTANDO E post segun bapor ta A. P. Geerman, klerk den Marine Post Office.



POSTMASTER HUNT checks a package returned from Italy when the addressee could not be located. It will be held for sender.

POSTMASTER HUNT ta check un paki devolvi for di Italia unda cu e destinatario no por worde localizá.

Efficient Postal Service Is Important to Seamen

Life at sea is often lonely. That's why mail is so important to a sailor. At times, it follows him from port to port and weeks may go by without news from home. Usually, though, those highly treasured letters are waiting for him when his ship docks. Only when his ship has a change of orders at sea is a sailor likely to miss mail call.

Installations such as Lago's Marine Post Office have put "efficiency" into mail service on the high seas. Its two employees handle over 160,000 letters yearly plus several thousand parcels. They sell over Fls. 72,000 in stamps to sailors every year and cash requisitions made out by ship captains so crews can have spending money ashore.

Most letter mail is received and sent via air mail which enables seamen families to have mail waiting for sailors when they reach port. Mail for ships docking at San Nicolas Harbor is brought in from the government post office to the Marine Post Office. Here it is sorted then turned over to ships' masters when the ship makes its call. The post office is usually the first place visited by crews after they clear customs. Italian crews carrying their carefully prepared packages are a common sight as they wait in line for the post office to open. These packages, tightly covered and sewn in sail cloth, contain such staples as Brazilian coffee, clothing, jam and soups for loved ones back in Italy. Sailors can buy coffee for Fls. 0.40 a pound in Brazil that would cost Fls. 8 a kilo in Italy. The tightly covered packages will survive even the roughest handling during long sea voyages.

Eficiente Servicio di Post Ta Importante pa Nabegante

Bida na lamar por ta solitario y pesey post por ta asina importante pa un nabegante. Tin ora esaki ta sigui'e le di puerto y ta pasa hopi siman sin noticia for di cas. Generalmente, sinembargo, e cartanan tan apreciá aki ta warda ariba dje ora su bapor hancra. Solamente ora su bapor camhia destino na lamar ta socede cu el ta hera su post.

Instalacionnan manera e Marine Post Office na Lago a pone "eficiencia" den servicio di post pa hendenan na lamar. Su dos empleadonan ta trata cu mas di 160,000 carta tur anja plus varios mil paketa. Nan ta vende mas cu Fls. 72,000 na stampilla cu e nabegantenan tur anja y ta cambia e requisicionnan trahá door di captannan di bapor asina cu e tripulantenan por haya placa pa gasta na terra.

Mayora carta ta worde recibi v mandá cu aeroplano loke ta haci posible cu e post ta warda caba ariba e nabegantenan ora nan yega den puerto. Cartanan for di bapor cu ta den haaf di San Nicolas ta worde treci for di postkantoor di gobierno pa Marine Post Office. Aki e ta worde sortá y entregá na captan di e bapor yega. E postkantoor generalmente ta e promer lugar cu nabegantenan ta bishita despues di pasa aduana. Tripulantenan Italiano cargando nan pakinan prepará cu cuidao ta un vista comun ora nan ta warda den linja pa e postkantoor habri. E pakinan aki, bon mará y cosí den panja, jam y soppi pa familiarnan na Italia. Nabegantenan por compra koffie na Fls. 0.40 pa liber na Brazil, cual ta costa Fls. 8 pa kilo na Italia.

E pakinan bon protegá ta wanta e trato di mas bruto durante e largo viajenan di lamar.

Schedule of Paydays

Semi-Monthly Payroll	
Aug. 16-31	Tuesday, Sept. 8
Monthly Payroll	
Aug. 1-31	Wednesday, Sept. 9

SERVICE AWARDS

20-Year Buttons

Marchant A. Davidson	Mech.
George F. Lawrence	Instrument
John A. Ryan	Proc.-Rec. & Ship.
Rudolfo C. Oduher	Marine Office
Philbert R. Volkerts	TSD-Lab.
Philip E. Roberts	Gen. Serv.-Dining Hall
John G. L. Hodge	Gen. Serv.-Esso Club.
Hugh F. Varlack	Gen. Serv.-Oper. Div.
Fernand L. Groeneveldt	Mech.-Machinist
Stephanus J. Giel	Mech.-Mason
Daniel C. Lake	Mech.-Carpenter
Bertrandus Filiciana	Mech.-Garage & Transp.
Lorenzo Winterdaal	Mech.-Pipe
Eduardo B. Schotborg	Mech.-Pipe
Ferdinand E. A. Misaine	Mech.-Machinist

10-Year Buttons

Burton R. Frazer	Engineering Div.
Julian Winterdaal	Dining Hall
Inginio Falconi	Rec. & Ship.
Rafael Thiel	Rev. & Ship.
George R. Pantophiet	Lago Police
Jacinto L. Figaroa	Boiler
Carlos C. Tromp	Mason
Efren A. Koolman	Storehouse
Felix Ras	Yard
Athanasio Femeleer	Mason
Johannes Franken	Boiler
Adolfo Geerman	Scuffolder
Basilio Robles De Medina	Storehouse
Jacobo K. Palm	Oper. Div.-Crafts
Blasio N. Cicilia	Stewards
Carlos B. Bislip	TSD Engineering
Cresante E. Laurent	Medical
Ruby S. Pollard	Medical
Rosendo Tromp	Rec. & Ship.-Wharves
Veronico Koolman	Acid & Edel



ANTONIO KELLY, janitor, carries out packages for delivery to the government post office.

ANTONIO KELLY, janitor, ta carga paki pa worde entregá na e postkantoor di gobierno.



THESE PACKAGES, beautifully sewn in tough sail cloth, are bound for sailors' loved ones in Italy.

E PAKINAN aki, cosí cuidadosamente den panja di bela, ta destiná pa familia di e nabegantenan na Italia.

NEW ARRIVALS

<p>June 30</p> <p>THIEL, Policarpo P. - Mech. Welding; A daughter, Lucia Mariana</p> <p>WINKLAAR, Martines A. - Floating Equipment; A daughter, Rullina Arnelia</p> <p>July 1</p> <p>BREMER, Bruno - C&E; A daughter, Esther Esminia</p> <p>CALMAN, Edward J. - TSD Process; A daughter, Elizabeth Mary</p> <p>July 2</p> <p>MALMBERG, Stuart R. - Accounting; A son, Ronald Stuart</p> <p>July 3</p> <p>CRISTIAN, Marcelino - Mech. Tin; A daughter, Bernadeta</p> <p>LEEST, Anselmo - Mech. Instrument; A daughter, Mary Glenda</p> <p>July 4</p> <p>COLLIE, Rae R. - Mech. Admin.; A daughter, Leslie Ann</p> <p>July 5</p> <p>TROMP, Ricardo - Mech. Yard; A daughter, Emelinda Antonia</p> <p>July 6</p> <p>CRUDEN, Louis F. - Lago Commissary; A daughter, Meridit Kin-Mie</p> <p>WERLEMAN, Benito - Mech. Electrical; A son, Alvin Benjamin</p> <p>July 7</p> <p>CHOES, Felipe - Mech. Machinist; A daughter, Fermina Maria</p> <p>July 8</p> <p>JACKSON, William - Mech. Paint; A daughter, Laura Otencia</p> <p>July 9</p> <p>KROZENDLIK, Jovito - Mech. Carpenter; A daughter, Esmeralda Altigracia</p> <p>July 10</p> <p>GIBBS, James A. - LOP; A daughter, Rosa Margarita</p> <p>CROES, Jacinto - Mech. Pipe; A daughter, Amalia Magriet</p> <p>CROES, Juan V. - Utilities; A son, Ronald</p> <p>RODRIGUEZ, Gilberto - Mech. Paint; A daughter, Rufina Magriet</p> <p>July 11</p> <p>WERLEMAN, Apolonio - Executive; A son, Dominico</p> <p>July 12</p> <p>BLAZ, Jacinto M. - Mech. Electrical; A daughter, Ersilia Maria Elisa</p> <p>July 14</p> <p>BOYE, Henrique B. P. - Community Cam-missary; A son, Ronny Elston</p> <p>July 15</p> <p>ROJER, Angel F. - Mech. Electrical; A daughter, Gwendeline Enrica Maria</p> <p>ALBINHILL, Alvin M. - Lago Police; A son, Lasmy Liviu Alanzo</p> <p>KELLY, Basilio - Mech. Mason; A son, Frans</p> <p>CURIEL, Bonifacio C. - Lago Police; A son, Somerset Dino Bryan</p> <p>July 16</p> <p>MADURO, Mauricio R. - Mech. Metal</p>	<p>Trades; A daughter, Carmen Rosemarie</p> <p>July 17</p> <p>TRIMON, Enrique P. - Cracking; A son, Enrique, P. Jr.</p> <p>LEYSNER, Edgar A. - LOP; A son, Yvan Camillo Marcelino</p> <p>July 18</p> <p>ANGELA, Johannes V. - Mech. Machinist; A daughter, Leha Marina</p> <p>THAME, Rexford - Mech. Electrical; A daughter, Minerva Marcia</p> <p>LAMPE, Francisco - Mech. Welding; A son, Clifford Ignacio</p> <p>PUENTES, Miguel A. - LOP; Twin sons, Angel Lucien & Ruben Miguel</p> <p>July 20</p> <p>ROZA, Niensin - Mech. Mason; A daughter, Sandra Caridad</p> <p>DEKORT, Lencarlo V. - Mech. Scaffold; A daughter, Dorothy Valery</p> <p>CROES, Carlos F. - Accounting; A son, Charles Francis</p> <p>July 21</p> <p>RICHARDSON, George H. - Esso Dining Hall; A son, Johan Henricus</p> <p>July 22</p> <p>JANSEN, Laureano - LOP; A son, Victor Laureano</p> <p>July 22</p> <p>HOEK, Felix S. - LOP; A daughter, Vianca Maria Magdalena</p> <p>July 24</p> <p>LEACOCK, John W. - Mech. Electrical; A son, Saul Enrique</p> <p>CASTRI, Marcos - Accounting; A son, Mico Animis</p> <p>July 26</p> <p>TROMP, Augustin - Gen. Serv.; A son, Jose Augustin</p> <p>July 27</p> <p>WEVER, Juan E. - Mech. Yard; A daughter, Vilma Marina</p> <p>WILSON, Robert A. - Mech. Scaffold; A daughter, Ancke Juliana</p> <p>BRYSON, Cyril A. - Mech. Pipe; A son, Joseph Nick</p> <p>July 29</p> <p>GROES, Gilberto P. - Col. Maint.; A daughter, Mildred Rosalia</p> <p>ARENDSE, Sixto F. - TSD Lab. nr. 3; A son, Robert Millan</p> <p>ADAMS, James M. Jr. - Mech. Admin.; A son, Robert Warren</p> <p>July 30</p> <p>PEREZ, Vicente L. - Mech. Machinist; A son, Castro Efraim</p> <p>SMITS, Antonius J. M. - Medical; A daughter, Anson Joanne</p> <p>IGMEY, Basilio - Mech. Instrument; A son, Efraim Sigfried</p> <p>July 31</p> <p>QUANUS, Celestino - Lago Police; A son, Roland Ivan</p> <p>ROMBLAY, Anselmo - Mech. Garage; A daughter, Cheryl Mirceles</p> <p>DIRKSEN, Mario - Mech. Yard; A son, Jacinto Victor</p>	<p>August 1</p> <p>VAN HENNINGEN, Paul G. - Wholesale Commissionary; A son, Leslie Octavio</p> <p>DOMES, Donahil A. - C&E; A daughter, Joeses Louise</p> <p>PERROTTE, Anthony - TSD Lab. nr. 1; A son, Anthony Henry</p> <p>BROWNE, Alpha A. - Mech. Welding; A son, Andrew Osceola</p> <p>August 3</p> <p>MADURO, Francisco - Mech. Boiler; A son, Heibert Alvaro</p> <p>August 4</p> <p>GIL, Ramiro - TSD Engineering; A son, Orlando Valentino</p> <p>FELICIANO, Juan G. - Mech. Paint; A son, Robert</p> <p>HOEK, Rex - LOP; A daughter, Swinda Filomena</p> <p>TRIMON, Miguel A. - Mech. Paint; A daughter, Lourdes Altigracia</p> <p>August 5</p> <p>WILLIAMS, Gustave W. - Mech. Storehouse; A son, Jacinto Wilfred</p> <p>August 6</p> <p>PABLO, Aquiles A. - Mech. Storehouse; A daughter, Norny da Elisabeth</p> <p>ARRENBELL, Fernando - Mech. Garage; A daughter, Sonia Diana</p> <p>FILICIANA, Bertiniano - Mech. Garage; A son, Ludovico Henrique</p> <p>August 7</p> <p>COLINA, Rosendo A. - Mech. Machinist; A daughter, Arie Magaly</p> <p>August 9</p> <p>LACLE, Federico F. - Mech. Paint; A son</p> <p>August 13</p> <p>GEEHMAN, Simon D. - TSD Lab. nr. 1; A daughter, Maria Goretti</p> <p>LACLE, Juan G. - Acad. & Edel; A daughter, Mary Lourdes</p> <p>August 14</p> <p>KELLY, Antonio - Gen. Serv.; A son, Eusebio Wilfredo</p> <p>VAN CLERF, Francisco G. - Cracking; A daughter, Sandra Edith</p> <p>August 15</p> <p>TROMP, Rode B. - Mech. Boiler; A son, Giovanni Joaquin</p> <p>WERLEMAN, Luis - LOP; A son, Wilfrido Xaverio</p> <p>August 16</p> <p>THIMZEN, Louis - Acad. & Edel; A daughter, Minda Azucena</p> <p>August 17</p> <p>GUMBS, Auguste E. E. - Acad. & Edel; A daughter, Verna Ghesa</p> <p>HERJANS, Juan C. - Acad. & Edel; A son, Urtholo Orlando</p> <p>August 18</p> <p>RASMEIJN, Mario - Mech. Machinist; A son, Franklin Jacinto</p> <p>GONZALEZ, Simon - Mech. Storehouse; A son, Ivone Simon</p> <p>August 19</p> <p>MARTIN, Richard P. - Ind. Rel.; A son, Carl Edward</p>
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